

Appl. No. 10/643,553  
Amdt. Dated Nov. 30, 2007  
Reply to Office Action Mailed Aug. 31, 2007

### **REMARKS**

The above Amendments and these Remarks are in response to the Office action mailed Aug. 31, 2007. Applicant appreciates Examiner's thorough search and consideration of the application.

Claims 1-12 were pending in the present application before the Amendments as set forth above. Claims 1, 6, 9 and 12 have been amended.

Support for the amendments set forth above can be found in the specification, claims, and/or drawings as originally filed. Applicant asserts that no new matter is added. However, the claims are not limited to the disclosed embodiments. Reconsideration and withdrawal of the rejections are respectfully requested.

#### ***Specification***

The abstract of the disclosure fails to comply with the MPEP format and language guidelines.

In response, applicant has amended the abstract by deleting the phrase "using a mobile computing device" from the first line, and changing the phrase "said modification" to the phrase "the modification" in the last line. It is submitted that the abstract of the disclosure now complies with the MPEP format and language guidelines, and is in proper form.

#### ***Claim Rejections - 35 U.S.C. 102***

Claims 1 and 12 were rejected under 35 U.S.C. 102(b) as being anticipated by Chase, Jr. (U.S. Patent Number 5,974,238), hereinafter referred to as Chase.

In response, applicant has amended claims 1 and 12 by adding more limitations thereto. Support for the amendments can be found in the

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originally filed specification and/or drawings of the present application. No new matter is added. These amendments have been made at least for the purpose of overcoming the rejections. Applicant respectfully requests reconsideration and removal of the rejections of the claims, as follows:

Claim 1, as amended, recites in part:

*'the application server comprises a Java Database Connectivity (JDBC) connection manager, a cache manager and a replication manager, wherein:*

*the JDBC connection manager is used to preset a JDBC connection, and manage the JDBC connection with the database server;*

*the cache manager is used to receive and store information sent by the mobile terminals and the database server; and*

*the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals'.*

Applicant submits that Chase does not disclose, teach, or otherwise suggest the above-highlighted features, as currently set forth in amended claim 1.

Chase discloses an apparatus for performing dynamic synchronization between data stored in a handheld computer and a host computer. The handheld computer has a processor, a communication port, and a data synchronization engine. The data synchronization engine has a pseudo-cache that exists on both the handheld computer and the host computer (col. 3, lines 37-45). In addition, the processor cache contains modified data and supplies the data to the other processor cache to maintain data coherency (col. 12, lines 34-37).

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Applicant acknowledges that the pseudo-cache or the processor cache disclosed by Chase corresponds to the cache manager of amended claim 1 of the present application. However, the claimed feature of "a replication manager" is not disclosed, taught or suggested at all by Chase. Further, Chase fails to disclose, teach or suggest that "the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals", as recited in claim 1. In particular, there is no teaching or suggestion in Chase in relation to the feature of "a JDBC connection manager", which is used to preset a JDBC connection and manage the JDBC connection with the database server, as recited in amended claim 1.

In comparing the disclosures of Chase with amended claim 1, it is apparent that either the handheld computer or the host computer of Chase only includes the pseudo-cache or the processor cache, and does not include a replication manager and a JDBC connection manager. Accordingly, applicant asserts that the application server comprising the replication manager and the JDBC connection manager of claim 1 is patentably distinct from the handheld computer or the host computer of Chase.

For at least the above reasons, applicant submits that Chase does not disclose, teach, or otherwise suggest the invention having the above-highlighted features, as currently set forth in amended claim 1. That is, amended claim 1 is not only novel over Chase under 35 U.S.C. 102(b), but also unobvious and patentable over Chase under 35 U.S.C. 103. Reconsideration and removal of the rejection of amended claim 1 are requested.

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Claim 12, as amended, recites in part:

'the application server comprises *a Java Database Connectivity (JDBC) connection manager*, a cache manager and a replication manager, wherein:

*the JDBC connection manager is used to preset a JDBC connection, and manage the JDBC connection with the database server;*

the cache manager is used to receive and store information sent by the mobile terminals and the database server; and

*the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals'.*

For at least reasons similar and corresponding to those asserted above in relation to amended claim 1, applicant submits that **Chase** does not disclose, teach, or otherwise suggest the invention having the above-highlighted features, as currently set forth in amended claim 12. That is, amended claim 12 is not only novel over **Chase** under 35 U.S.C. 102(b), but also unobvious and patentable over **Chase** under 35 U.S.C. 103. Reconsideration and removal of the rejection of amended claim 12 are requested.

### ***Claim Rejections - 35 U.S.C. 103***

Claims 1-12 were rejected under 35 U.S.C. 103(a) as being unpatentable over Auto/Mate Dealership Systems website (accessed through archive.org with effective publication dates of 12/3/1998 (pg. 1) and 12/6/1998 (pg. 2), hereinafter referred to as **Automate**) in view of **Chase**.

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In response, applicant has amended claims 1, 9 and 12 by adding more limitations thereinto. Such limitations have been sourced from the originally filed specification, claims and/or drawings of the present application. These amendments have been made at least for the purpose of overcoming the rejections. Applicant respectfully requests reconsideration and removal of the rejections and allowance of the claims, as follows:

**Claims 1-8 and 12**

Claim 1, as amended, recites in part:

*'the application server comprises a Java Database Connectivity (JDBC) connection manager, a cache manager and a replication manager, wherein: the JDBC connection manager is used to preset a JDBC connection, and manage the JDBC connection with the database server;*

*the cache manager is used to receive and store information sent by the mobile terminals and the database server; and*

*the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals;*

*each of the mobile terminals comprises an information searching module, and the information searching module comprises a vehicle orders daily searching sub-module and a distributor orders daily searching sub-module for searching vehicle orders daily information and distributor orders daily information respectively'.*

Applicant submits that Automate and Chase, taken alone or in combination, do not teach or otherwise suggest the above-highlighted features, as currently set forth in amended claim 1.

Automate discloses an Auto/Mate Vehicle Merchandising & Inventory Control System to provide immediate access to all inventory data

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through the inquiry function, as well as providing customers with a computer calculated price quote (pg. 1 lines 1-3). Automate further discloses that online inquiry provides immediate access to all vehicle data by specific stock number. Thus, the entire inventory can be searched instantly for those vehicles that match the specified criteria (pg. 1, lines 11-12):

Applicant acknowledges that the feature of "searching vehicle orders daily information" is disclosed or taught by Automate.

However, applicant asserts that the claimed features of "a JDBC connection manager" and "a replication manager" are not taught or suggested at all by Automate. Accordingly, Automate fails to teach or suggest the feature whereby *"the JDBC connection manager is used to preset a JDBC connection, and manage the JDBC connection with the database server"*, and fails to teach or suggest the feature whereby *"the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals"*, as recited in amended claim 1.

In addition, it is stated on page 5 of the current Office action that Automate discloses listings that show a status (i.e., available, on-order, or sold) and the "days on lot" for each vehicle (pg. 1, line 17). Examiner states that the listings of Automate correspond to the distributor orders daily information in amended claim 1 of the present application. Applicant respectfully disagrees and traverses as follows. The listings of Automate show the respective status for a vehicle to include "on-order". However, at most, this feature corresponds to vehicle orders daily information; and does not correspond to distributor orders daily information. In contrast, the

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present distributor orders daily information is searched by the distributor orders daily information searching sub-module of amended claim 1. **Automate** does not teach or suggest the distributor orders daily information searching sub-module. That is, **Automate** fails to teach or suggest the feature whereby "the information searching module comprises a vehicle orders daily searching sub-module and *a distributor orders daily searching sub-module for searching vehicle orders daily information and distributor orders daily information* respectively", as recited in amended claim 1.

In addition, for at least reasons similar and corresponding to those asserted above in relation to the rejection of claim 1 under 35 U.S.C. 102(b), applicant asserts that **Chase** does not disclose, teach, or suggest the above-highlighted features either. Further, any combinations of **Automate** and **Chase** fails to teach or suggest the above-highlighted features.

Accordingly, applicant submits that neither **Automate** nor **Chase** provides any teaching, suggestions or motivation that it could be combined with the other to yield the inventive system as currently set forth in amended claim 1. That is, amended claim 1 is unobvious and patentable under 35 U.S.C. §103 over **Automate** in view of **Chase**. Reconsideration and removal of the rejection and allowance of the claim are requested.

Claims 2-8 depend from amended claim 1 and incorporate additional features therein respectively. Accordingly, claims 2-8 are also unobvious and patentable over **Automate** in view of **Chase**.

Claim 12, as amended, recites in part:

'the application server comprises *a Java Database Connectivity (JDBC) connection manager*, a cache manager and a replication manager, wherein:

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***the JDBC connection manager is used to preset a JDBC connection, and manage the JDBC connection with the database server;***

the cache manager is used to receive and store information sent by the mobile terminals and the database server; and

***the replication manager comprises a first data filter module, which is used to filter information added in the database server, and to modify existing information in the database server and the mobile terminals'.***

For at least reasons similar and corresponding to those asserted above in relation to amended claim 1, applicant submits that **Automate** and **Chase**, taken alone or in combination, do not teach or otherwise suggest the invention having the above-highlighted features as currently set forth in amended claim 12. Neither reference provides any teaching, suggestion or motivation that it could be combined with the other to yield the inventive system as currently set forth in amended claim 12. That is, amended claim 12 is unobvious and patentable under 35 U.S.C. §103 over **Automate** in view of **Chase**. Applicant requests reconsideration and removal of the rejection and allowance of the claim.

**Claims 9-11**

Claim 9, as amended, recites in part:

***'(c) connecting a database server with a Java Database Connectivity (JDBC) connection, managing the JDBC connection with the database server, and obtaining information needed to meet the synchronization request; and***

***(d) setting one or more search parameters, generating a search message, and sending the searching message to the mobile terminal, the searching message comprising vehicle orders daily information and distributor orders daily information'.***



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Amended claim 9 is a method claim that recites limitations similar and corresponding to those of amended claim 1. Referring to and incorporating herein the above-asserted reasons regarding the patentability of amended claim 1, applicant submits that **Automate** and **Chase**, taken alone or in combination, do not teach or suggest the present invention having the above-highlighted limitations as set forth in amended claim 9. Accordingly, amended claim 9 is unobvious and patentable under 35 U.S.C. §103 over **Automate** in view of **Chase**. Reconsideration and removal of the rejection and allowance of amended claim 9 are requested.

Claim 10 and 11 depend from amended claim 9 and incorporate additional features therein respectively. Accordingly, claims 10 and 11 are also unobvious and patentable over **Automate** in view of **Chase**.

In view of the above claim amendments and remarks, the subject application is believed to be in a condition for allowance, and an action to such effect is earnestly solicited.

Respectfully submitted,  
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